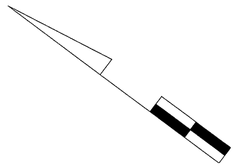
F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			



MD 235 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

PROJECT DESCRIPTION

I. GENERAL

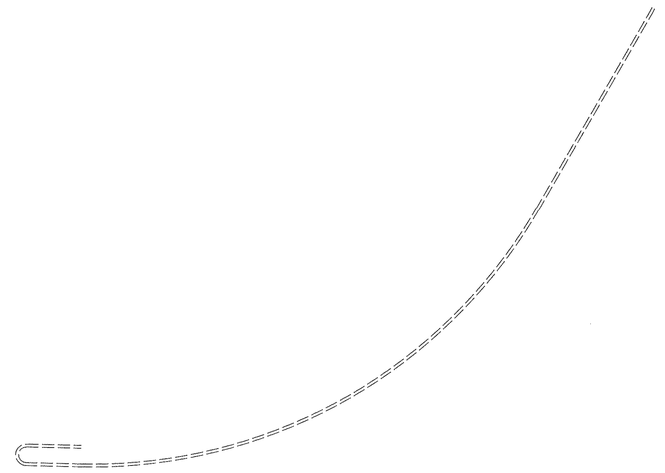
This project involves the modification of an existing Traffic Control Signal with interconnect at the intersection of MD 235 and Pegg Road in St. Mary's County. The modification is due to the construction of a Dash-in store driveway accessing MD 235 approximately 150' south of Pegg Road. MD 235 is assumed to run in a north-south direction.

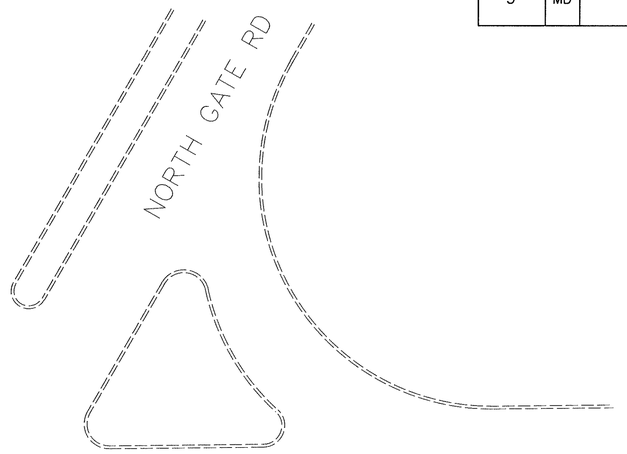
II. INTERSECTION OPERATION

1. There will be no change to the intersection operation.
2. The existing base-mounted cabinet shall be maintained at this intersection.

III. SPECIAL NOTE

All field wiring to the existing controller cabinet shall be terminated to the appropriate controller cabinet connectors by the Contractor and labeled. All other controller cabinet wiring will be performed by the S.H.A. Signal Shop. Contact Mr. Ed Rodenhizer at (410) 787-7650 seventy-two hours in advance of intended work. The SHA shop is to disconnect the telemetry cable and reconnect after rerouting.

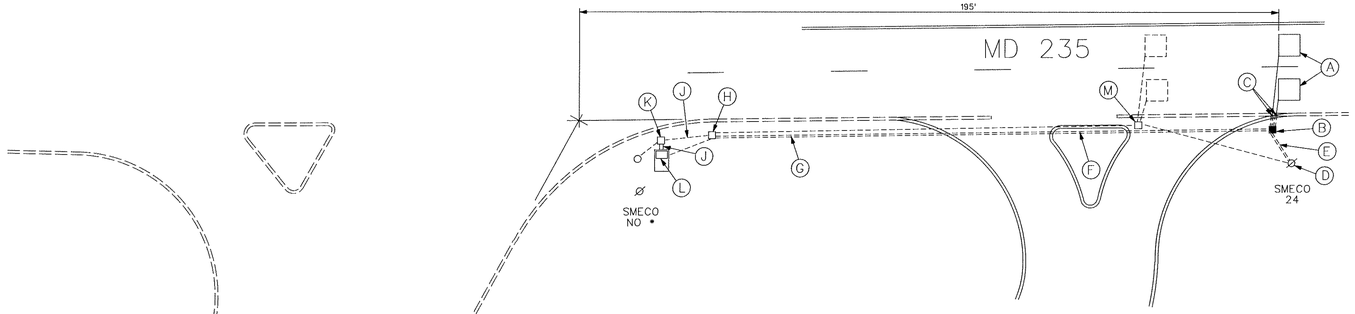




EQUIPMENT LISTS

A. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

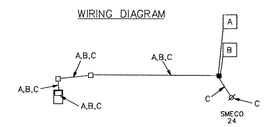
QUANTITY	SPEC. SECTION	DESCRIPTION
LS	106	Mobilization
LS	106	Maintenance of traffic.
100 SF	104	Temporary traffic sign.
2 UD	105	Flashing arrow panels.
80 LF	815	Furnish and install sawcut.
10 LF	805	Furnish and install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).
185 LF	805	Furnish and install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
1 EA	811	Furnish and install handhole (frame and cover).
300 LF	810	Furnish and install loop wire (No. 14 A.W.G.) encased in 1/4" flexible tubing.
455 LF	810	Furnish and install 2-conductor electrical cable (No. 14 A.W.G.) (aluminum shielded).
200 LF		Pull back and reroute existing interconnect cable.
1 EA	822	Remove handhole.



CONSTRUCTION DETAILS

A. Install 6' x 6' loop detector encased in 1/4" flexible tubing (4-turns).
B. Install handhole.
C. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).
D. Pull back existing interconnect cable from cabinet and reroute thru proposed conduit as shown. Existing riser is to be maintained. (See Wiring Diagram).
E. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched). (Note: Use exisiting elbow and riser on utility pole.)
F. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched) prior to installation of proposed geometrics.
G. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
H. Use existing handhole. (Cap and abandon attached conduit that is to be replaced).
J. Use exisiting conduit.
K. Use existing handhole.
L. Use existing cabinet.
M. Remove handhole (Cap and abandon attached conduits).

WIRING DIAGRAM



WIRING KEY

A } 2-conductor electrical cable
B } (No. 14 A.W.G.) (Aluminum shielded)

C - Existing interconnect cable to be pulled back to utility pole and rerouted thru proposed conduit back to existing cabinet.

Note: All existing electrical cable not shown is to be maintained.

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

STREET TRAFFIC STUDIES, LTD.®
Gateway International
1302 Concourse Drive, Suite 104
Linthicum, Maryland 21090
Ph (410) 859-3553
Fax (410) 859-3579

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REVISIONS

© 7/18/97 REPLACE SAMPLING LOOPS, CONDUIT
SHA NO.: BW998M82
RRZ — BRK 10/7/98

B 10/10/93 REVISE SIGNAL EQUIPMENT TO AVOID CONFLICT WITH BURIED CABLE. REVISED SIGNAL PHASING
RG/DC

A 7/28/93 REPLACE PROPOSED STRAIN POLES WITH MAST ARM POLES
RG/DC

APPROVALS

ASST. CHIEF TEDD SECTION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 235 AND PEGG RD / NORTH GATE RD

DRAWN BY: J.E.H.
CHECK BY: S.T.A.
DATE: 3-93
SCALE: 1" = 20'

COUNTY: ST. MARY'S
LOG MILE: 18023512.92
F.A.P. NO. N-AD-25 (3)
S.H.A. NO. SM-766-501-571

TS NO. 3287C
T.I.M.S. NO.

SHEET NO. 1 OF 1

APR. 2 3 1997